

Internet Services & Web Development

1. Symantec HTML (learning **semantic HTML** is a key step toward writing clean, accessible, and SEO-friendly webpages.)

- a. Create a simple webpage that uses semantic HTML5 elements to organize content clearly and meaningfully

Ex:

```
<body>
```

```
  <!-- Header Section -->
```

```
  <header>
```

```
    .....
```

```
  </header>
```

```
  <!-- Main Content -->
```

```
  <main>
```

```
    <!-- About Section -->
```

```
    <section id="about">
```

```
      .....
```

```
    </section>
```

```
    <!-- Skills Section -->
```

```
    <section id="skills">
```

```
      .....
```

```
    </section>
```

```
  </main>
```

```
  <footer id="contact">
```

```
    .....
```

```
  </footer>
```

```
</body>
```

- b. Header section:

- Section heading: `<h1>My Portfolio</h1>`
- Add links in the navigation that scroll to the correct section (using id attributes)

Ex:

```
<nav>
```

```
  <ul>
```

```
    <li><a href="#about">About Me</a></li>
```

```
    <li><a href="#skills">Skills</a></li>
```

```
    <li><a href="#contact">Contact</a></li>
```

```
  </ul>
```

```
</nav>
```

- c. About Section:

- Write down simple description about you. Add an image of yourself inside the About section and float to left side width text

- d. Skills Section: Your skills as a list
 - e. Footer Section: Include contact info. and social links
2. Add CSS to style your semantic layout.
 - a. Create a css file called 'style.css' and link to your html file as an external sheet.
 - b. Do the following styles
 - Change color of all headings to blue
 - Change background color of the document to #CCC
 - Change text alignment to center in the footer section and change color of the text
 3. Including Horizontal Navigation Bar to a web site
 - a. Make the above navigation bar as horizontal one. Change Background color and the link color of the link text (About Me, Skills, Contact)
 - b. Change css properties to display the Navigation bar as "Fixed top navigation bar "
 4. Using Flexbox CSS layout model
 - a. Create the following web page as shown below

